

ATTORNEY DOCKET NO. 04156.0022U1  
EXPRESS MAIL LABEL NO.EL 997678790 US  
PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of	)	
	)	
NÄGEL, Wulf	)	Art Unit:
	)	
International Application No. PCT/EP2004/010916	)	Examiner:
	)	
International Filing Date: 30 September 2004	)	Confirmation No.
	)	
For: PHOTOVOLTAIC ELEMENT	)	

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

NEEDLE & ROSENBERG, P.C.  
Customer Number 23859

Sir:

Pursuant to the requirements of 37 C.F.R. § 1.56, submitted herewith on the accompanying Information Disclosure Statement List is a listing of documents known to Applicants and/or their attorneys. In accordance with 37 C.F.R. § 1.98(a)(2), copies of any cited U.S. patent or U.S. patent application publication documents are not enclosed. Copies of any cited foreign patent document and/or any non-patent publication are enclosed.

This Information Disclosure Statement is believed to be filed in a timely manner pursuant to 37 C.F.R. § 1.97(b)(3), in that a first Office Action on the merits of the present patent application has not yet been mailed to Applicants.

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APPROPRIATELY 29 MAR 2006

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International Application No. PCT/EP2004/010916

Consideration of the cited documents and making the same of record in the prosecution of the above-referenced application are respectfully requested.

No fee is believed to be due; however, the Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-0629.

Respectfully submitted,

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INFORMATION DISCLOSURE STATEMENT LIST		Complete if Known					
(Use as many sheets as necessary)		International Application Number		10/573864			
		International Filing Date		30 September 2004			
		First Named Inventor		NÄGEL, Wulf			
		Group Art Unit					
		Examiner Name					
U.S. PATENT DOCUMENTS							
Examiner's Initials	Cite No.	Document No.	Date	Name	Class	Subclass	Filing Date (if appropriate)
TT	A1	4,234,351	11/18/1980	Deminet, et al.	136	251	
FOREIGN PATENT DOCUMENTS							
Examiner's Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Date	Name	Translation Yes/No		
/TT/	A2	EP 1 130 657	09/05/2001	Universidad Politecnica de Madrid	Yes		
	A3	DE 198 37 365	03/02/2000	Forschungszentrum Jülich GmbH	Yes, abstract; also it is the same as Cite A4.		
	A4	GB 2 341 002	03/01/2000	Forschungszentrum Jülich GmbH	Yes		
	A5	WO 88/03709	05/19/1988	Spectrolab, Inc.	Yes		
NON-PATENT DOCUMENTS							
Examiner's Initials	Cite No.	Non-Patent Citations (Include Author, Title, Publisher, Relevant Pages, Date and Place of Publication)					
/TT/	A6	Yoshihiro Nakato, et al.: "Solar Cells Based on a New Junction Transparent Conductor/Thin Insulator Having Ultrafine Metal Islands/Semiconductor", Proceedings of the International Photovoltaic Science and Engineering Conference, Kyoto, Nov. 26-30, 1990, Kyoto, Kyoto University, Japan, (1990-11-26) pages 939-942.					
/TT/	A7	Yoshihiro Nakato, et al.: "Improvement of Characteristics of New-type Solar Cells, Having a Transparent Conductor/Thin SiO <sub>2</sub> Layer With Ultrafine Metal Particles as Conductive Channels/n-Si Junction," Solar Energy Materials and Solar Cells, Elsevier Science Publishers, Amsterdam, NL (1995-07-01), pages 323-335.					
/TT/	A8	Chattopadhyay P.: "A Novel Low Resistive Metal-Insulator-Semiconductor (MIS) INVERSION LAYER Solar Cell Structure," Solid State Electronics, Elsevier Science Publishers, Barking, GB (1988-11-01) pages 1641-1643,					
2Examiner Signature: /Thanh Truc Trinh/				Date Considered: 12/17/2007			
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							